



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/720,729	12/27/2000	Masaaki Yamamoto	9683/74	3943
7590	06/22/2004		EXAMINER	
Brinks Hofer Gilson & Lione			LY, NGHI H	
PO Box 10395				
Chicago, IL 60610			ART UNIT	PAPER NUMBER
			2686	16
DATE MAILED: 06/22/2004				

Please find below and/or attached an Office communication concerning this application or proceeding.



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
P.O. Box 1450  
ALEXANDRIA, VA 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

Paper No.

**Notice of Non-Compliant Amendment (37 CFR 1.121)**

The amendment document filed on 6/7/04 is considered non-compliant because it has failed to meet the requirements of 37 CFR 1.121, as amended on June 30, 2003 (see *68 Fed. Reg. 38611*, Jun. 30, 2003). In order for the amendment document to be compliant, correction of the following item(s) is required. **Only the corrected section of the non-compliant amendment document must be resubmitted (in its entirety), e.g., the entire "Amendments to the claims" section of applicant's amendment document must be re-submitted.** 37 CFR 1.121(h).

THE FOLLOWING CHECKED (X) ITEM(S) CAUSE THE AMENDMENT DOCUMENT TO BE NON-COMPLIANT:

1. Amendments to the specification:  
 A. Amended paragraph(s) do not include markings.  
 B. New paragraph(s) should not be underlined.  
 C. Other \_\_\_\_\_

2. Abstract:  
 A. Not presented on a separate sheet. 37 CFR 1.72.  
 B. Other \_\_\_\_\_

3. Amendments to the drawings: \_\_\_\_\_

4. Amendments to the claims:  
 A. A complete listing of all of the claims is not present.  
 B. The listing of claims does not include the text of all claims (including withdrawn claims)  
 C. Each claim has not been provided with the proper status identifier, and as such, the individual status of each claim cannot be identified.  
 D. The claims of this amendment paper have not been presented in ascending numerical order.  
 E. Other: \_\_\_\_\_

For further explanation of the amendment format required by 37 CFR 1.121, see MPEP Sec. 714 and the USPTO website at <http://www.uspto.gov/web/offices/pac/dapp/opla/preognitice/officeflyer.pdf>.

If the non-compliant amendment is a **PRELIMINARY AMENDMENT**, applicant is given ONE MONTH from the mail date of this letter to supply the corrected section which complies with 37 CFR 1.121. Failure to comply with 37 CFR 1.121 will result in non-entry of the preliminary amendment and examination on the merits will commence without consideration of the proposed changes in the preliminary amendment(s). This notice is not an action under 35 U.S.C. 132, and this **ONE MONTH** time limit is not extendable.

If the non-compliant amendment is a reply to a **NON-FINAL OFFICE ACTION** (including a submission for an RCE), and since the amendment appears to be a *bona fide* attempt to be a reply (37 CFR 1.135(c)), applicant is given a TIME PERIOD of ONE MONTH from the mailing of this notice within which to re-submit the corrected section which complies with 37 CFR 1.121 in order to avoid abandonment. **EXTENSIONS OF THIS TIME PERIOD ARE AVAILABLE UNDER 37 CFR 1.136(a).**

If the amendment is a reply to a **FINAL REJECTION**, this form may be an attachment to an Advisory Action. **The period for response to a final rejection continues to run from the date set in the final rejection**, and is not affected by the non-compliant status of the amendment.

Linda Radie  
Legal Instruments Examiner (LIE)

703-306-2931  
Telephone No.

Interview 05/26/04  
Proposal Amendment.

25. (currently amended) A mobile communication terminal that receives communications services from a mobile wireless network, comprising:

a communication control that selectively implements multiple communication functionalities comprising a voice communication functionality, an electronic message communication functionality and a network browsing functionality, implementation of which realizes a standby state in which no user action is prompted;

a viewer that activates the network browsing functionality to selectively access data sources through the network and display one or more blocks of screen data received from the accessed data sources;

a registration control that selectively stores the one or more blocks of received screen data in at least one memory area each correlatable to the standby state;

a memory control that dynamically correlates the standby state with a selected one of the at least one memory area; and

a display control that, when the terminal is in the standby state, reads out and displays screen data from a memory area correlated to the standby state.

26. (currently cancelled)

27. (currently cancelled)

28. (original) A mobile communication terminal according to claim 25, wherein the data source is located outside the network and connected to the network over at least one public data communication network.

29. (original) A mobile communication terminal according to claim 25, wherein the data source is another communication terminal.

30. (original) A mobile communication terminal according to claim 25, wherein the data source is a server that provides information.

31. (currently cancelled)

32. (currently cancelled)

33. (currently amended) A mobile communication terminal according to claim 25, wherein the registration control determines, based on one or more attributes of the received screen data, whether the received screen data is storable.

34. (original) A mobile communication terminal according to claim 33, wherein one of the attributes is a size of the received screen data.

35. (original) A mobile communication terminal according to claim 33, wherein one of the attributes is copyright protection.

36. (original) A mobile communication terminal according to claim 33, wherein one of the attributes is identification of a network through which the screen data was downloaded.

37. (original) A mobile communication terminal according to claim 33, wherein one of the attributes is an encryption method with which the screen data is encrypted.

38. (original) A mobile communication terminal according to claim 33, wherein one of the attributes is a communication protocol adopted in the network.

39. (currently amended) A mobile communication terminal according to claim 25, wherein the correlation between the standby state and the at least one memory area changes.

40. (currently amended) A mobile communication terminal according to claim 39, wherein the correlation between the standby state and the at least one memory area changes randomly.

41. (currently amended) A mobile communication terminal according to claim 39, wherein the correlation between the standby state and the at least one memory area changes cyclically.

42. (currently amended) A mobile communication terminal according to claim 25, wherein the standby state is a standby state in which the terminal is waiting for a call to come in or for the user to key in.

43. (currently amended) A mobile communication terminal according to claim 25, wherein the standby state is a state of downloading data from the data source.

44. (currently amended) A mobile communication terminal according to claim 25, wherein the display keeps displaying the screen data until an occurrence of an event triggers a shift from the standby state.

45. (currently amended) A mobile communication terminal according to claim 25, that the display control processes display of an image represented by the screen data.

46. (currently amended) A mobile communication terminal according to claim 45, wherein the display control adjusts the size of the image.

47. (currently amended) A mobile communication terminal according to claim 45, wherein the display control repeats the image.

48. (currently amended) A mobile communication terminal according to claim 45, wherein the display control shows the image at a designated location on the display.

49. (currently cancelled)

50. (currently cancelled)

51. (currently cancelled)

52. (currently cancelled)

53. (currently cancelled)

54. (currently cancelled)

55. (currently cancelled)

56. (currently cancelled)

57. (currently cancelled)

58. (currently cancelled)

59. (currently cancelled)

60. (currently cancelled)

61. (currently cancelled)

62. (currently cancelled)

63. (currently cancelled)

64. (currently cancelled)

65. (currently cancelled)

66. (currently cancelled)

67. (currently cancelled)

68. (currently cancelled)

69. (currently cancelled)

70. (currently amended) A wireless telephone that receives communications services from a wireless communication network, comprising:

a browser that allows a user of the wireless telephone to selectively access data sources through the network and receive data from the accessed data sources;

a data screening part that determines, based on one or more attributes of the received data, whether the received data is storable in the wireless telephone; and

a memory that stores the received data if it is determined that the received data is storable.

71. (currently amended) A wireless telephone according to claim 70, wherein the data screening part checks the one or more attributes of the received data to determine whether the received data is storable in the wireless telephone.

72. (currently cancelled)

73. (currently cancelled)

74. (original) A wireless telephone according to claim 70, wherein the data source is located outside the network and connected to the network over at least one public data communication network.

75. (original) A wireless telephone according to claim 70, wherein the data source is another wireless telephone.

76. (original) A wireless telephone according to claim 70, wherein the data source is a server that provides information.

77. (original) A wireless telephone according to claim 70, wherein one of the attributes is a size of the received data.

78. (original) A wireless telephone according to claim 70, wherein one of the attributes is copyright protection.

79. (original) A wireless telephone according to claim 70, wherein one of the attributes is identification of a network through which the screen data was downloaded.

80. (original) A wireless telephone according to claim 70, wherein one of the attributes is an encryption method with which the screen data is encrypted.

81. (original) A wireless telephone according to claim 70, wherein one of the attributes is a communication protocol adopted in the network.

82. (currently cancelled)

83. (new) A mobile communication terminal according to claim 25, wherein the standby state is a state of receiving an e-mail.

25. (currently amended) A mobile communication terminal that ~~operates in various operating states and receives communications services from a mobile wireless network~~, comprising:

a communication control that selectively implements multiple communication functionalities comprising a voice communication functionality, an electronic message communication functionality and a network browsing functionality, implementation of which realizes a standby state in which no user action is prompted;

a communication partviewer that activates the network browsing functionality to selectively access data sources receives, through the network, and display one or more blocks of screen data received from the accessed data sources;

a memory that includes memory areas and a registration control that selectively stores the one or more blocks of received screen data respectively in the at least one memory areas each correlatable to the standby state;

a memory control that dynamically correlates the standby state with a selected one of the at least one memory area; and

a display control that, when the terminal is in the standby state, reads out and displays the one or more blocks of stored screen data from a memory area correlated to in at least one of the operating the standby states.

26. (currently cancelled) A mobile communication terminal according to claim 25, wherein the mobile communication terminal actively accesses the data source through the network and downloads the screen data.

27. (currently cancelled) ~~A mobile communication terminal according to claim 25, wherein the communication terminal passively receives the screen data from the data source through the network.~~

28. (original) A mobile communication terminal according to claim 25, wherein the data source is located outside the network and connected to the network over at least one public data communication network.

29. (original) A mobile communication terminal according to claim 25, wherein the data source is another communication terminal.

30. (original) A mobile communication terminal according to claim 25, wherein the data source is a server that provides information.

31. (currently cancelled) ~~A mobile communication terminal according to claim 25, wherein the communication terminal is a wireless communication terminal, and the network is a wireless communication network.~~

32. (currently cancelled) ~~A mobile communication terminal according to claim 31, wherein the communication terminal performs both voice communication and data communication.~~

33. (currently amended) A mobile communication terminal according to claim 25, ~~further comprising a data screening part that wherein the registration control determines, based on one or more attributes of the received screen data, whether to store the~~

received screen data ~~in the memory~~ is storabale based on one or more attributes of the received screen data.

34. (original) A mobile communication terminal according to claim 33, wherein one of the attributes is a size of the received screen data.

35. (original) A mobile communication terminal according to claim 33, wherein one of the attributes is copyright protection.

36. (original) A mobile communication terminal according to claim 33, wherein one of the attributes is identification of a network through which the screen data was downloaded.

37. (original) A mobile communication terminal according to claim 33, wherein one of the attributes is an encryption method with which the screen data is encrypted.

38. (original) A mobile communication terminal according to claim 33, wherein one of the attributes is a communication protocol adopted in the network.

39. (currently amended) A mobile communication terminal according to claim 25, wherein ~~the display selectively displays the one or more blocks of the stored screen data~~ the correlation between the standby state and the at least one memory area changes.

40. (currently amended) A mobile communication terminal according to claim ~~25~~<sup>39</sup>, wherein the correlation between the standby state and the at least one memory area changes ~~the display randomly displays the one or more blocks of the stored screen data~~.

41. (currently amended) A mobile communication terminal according to claim 2539, wherein the correlation between the standby state and the at least one memory area changes~~the display cyclically displays the one or more blocks of the stored screen data.~~

42. (currently amended) A mobile communication terminal according to claim 25, wherein one of the operating states~~the standby state~~ is a standby state in which the terminal is waiting for a call to come in or for the user to key in.

43. (currently amended) A mobile communication terminal according to claim 25, wherein one of the operating states~~the standby state~~ is a state of downloading data from the data source.

44. (currently amended) A mobile communication terminal according to claim 25, wherein ~~when shifting to an operating state, the display initiates displaying of screen data and keeps displaying the screen data while in the operating state until an occurrence of an event triggers a shift from the operating~~ standby state.

45. (currently amended) A mobile communication terminal according to claim 25, ~~further comprising a data presentation part that~~the display control processes display of an image represented by the screen data.

46. (currently amended) A mobile communication terminal according to claim 45, wherein ~~the data presentation part~~display control adjusts the size of the image.

47. (currently amended) A mobile communication terminal according to claim 45, wherein the ~~data presentation part~~display control repeats the image on the display.

48. (currently amended) A mobile communication terminal according to claim 45, wherein the ~~data presentation part~~display control shows the image at a designated location on the display.

49. (currently cancelled) ~~A method for displaying screen data on a mobile communication terminal that operates in various operating states and receives communications services from a network, comprising:~~

- ~~(a) receiving, through the network, one or more blocks of screen data from the data source;~~
- ~~(b) storing the one or more blocks of received screen data respectively in memory areas; and~~
- ~~(c) displaying the one or more blocks of stored screen data in at least one of the operating states.~~

50. (currently cancelled) ~~A method according to claim 49, wherein step (a) comprises actively accessing the data source through the network to receive the screen data.~~

51. (currently cancelled) ~~A method according to claim 49, wherein step (a) comprises passively receiving the screen data from the data source through the network.~~

52. (currently cancelled) ~~A method according to claim 49, further comprising locating a data source located outside the network and connected to the network over at least one public data communication network.~~

53. (currently cancelled) A method according to claim 49,  
~~further comprising wirelessly connecting the mobile communication terminal to the network.~~

54. (currently cancelled) A method according to claim 49,  
~~further comprising checking one or more attributes of the received screen data to determine whether or not the received screen data is allowable to be stored in the memory areas.~~

55. (currently cancelled) A method according to claim 54,  
~~wherein one of the attributes is a size of the received screen data.~~

56. (currently cancelled) A method according to claim 54,  
~~wherein one of the attributes is copyright protection.~~

57. (currently cancelled) A method according to claim 54,  
~~wherein one of the attributes is identification of a network through which the screen data is allowable to be downloaded.~~

58. (currently cancelled) A method according to claim 54,  
~~wherein one of the attributes is an encryption method with which the screen data is encrypted.~~

59. (currently cancelled) A method according to claim 54,  
~~wherein one of the attributes is a communication protocol adopted in the network.~~

60. (currently cancelled) A method according to claim 49,  
~~wherein step (c) comprises selectively displaying the one or more blocks of the stored screen data.~~

61. (currently cancelled) ~~A method according to claim 49, wherein step (c) comprises randomly displaying the one or more blocks of the stored screen data.~~

62. (currently cancelled) ~~A method according to claim 49, wherein step (c) comprises cyclically displaying the one or more blocks of the stored screen data.~~

63. (currently cancelled) ~~A method according to claim 49, wherein one of the operating states is a standby state.~~

64. (currently cancelled) ~~A method according to claim 49, wherein one of the operating states is a state of downloading data from the data source.~~

65. (currently cancelled) ~~A method according to claim 49, wherein step (c) comprises, when shifting to an operating state, initiating displaying of screen data and keeps displaying the screen data while in the operating state until an occurrence of an event triggers a shift from the operating state.~~

66. (currently cancelled) ~~A method according to claim 49, further comprising processing a display image represented by the screen data.~~

67. (currently cancelled) ~~A method according to claim 66, wherein processing the display image comprises adjusting the size of the image.~~

68. (currently cancelled) ~~A method according to claim 66, wherein processing the display image comprises repeating the image on the display.~~

69. (currently cancelled) A method according to claim 66, wherein processing the display image comprises showing the image at a designated location on the display.

70. (currently amended) A wireless telephone that receives communications services from a wireless communication network, comprising:

a communication part**browser** that allows a user of the wireless telephone to selectively access data sources**receives**, through the network, and receive one or more blocks of screen data from the accessed data sources;

a data screening part that determines whether to store the received screen data, based on one or more attributes of the received data, whether the received data is storables in the wireless telephone; and

a memory that stores the one or more blocks of the received screen data if it is determined to store that the received screen data is storables.

71. (currently amended) A wireless telephone according to claim 70, wherein the data screening part checks the one or more attributes of the received data to determine whether it is allowable to store the received data is storables in the wireless telephone.

72. (currently cancelled) A wireless telephone according to claim 70, wherein the telephone actively accesses the data source through the network and downloads the screen data.

73. (currently cancelled) ~~A wireless telephone according to claim 70, wherein the telephone passively receives the screen data from the data source through the network.~~

74. (original) A wireless telephone according to claim 70, wherein the data source is located outside the network and connected to the network over at least one public data communication network.

75. (original) A wireless telephone according to claim 70, wherein the data source is another wireless telephone.

76. (original) A wireless telephone according to claim 70, wherein the data source is a server that provides information.

77. (original) A wireless telephone according to claim 70, wherein one of the attributes is a size of the received data.

78. (original) A wireless telephone according to claim 70, wherein one of the attributes is copyright protection.

79. (original) A wireless telephone according to claim 70, wherein one of the attributes is identification of a network through which the screen data was downloaded.

80. (original) A wireless telephone according to claim 70, wherein one of the attributes is an encryption method with which the screen data is encrypted.

81. (original) A wireless telephone according to claim 70, wherein one of the attributes is a communication protocol adopted in the network.

82. (currently cancelled) ~~A wireless telephone according to claim 70, wherein the wireless telephone performs both voice communication and data communication.~~

83. (new) A mobile communication terminal according to claim 25, wherein the standby state is a state of receiving an e-mail.